

REMARKS

At the outset, Applicants wish to thank the Examiner for the courtesies extended to the Applicants' representative during the telephone interview on March 19, 2003. During the interview, it was agreed that the Office Action (page number 5) dated March 24, 2003 was a non-final Office Action.

The Office Action of March 24, 2003 has been received and contents carefully reviewed. By this Amendment, Applicants amend claims 1 and 13. Accordingly, claims 1-22 are currently pending in the present application. Reexamination and reconsideration of the application are respectfully requested.

In the Office Action, the Examiner rejected claims 1-22 under 35 U.S.C. § 102(b) as being anticipated by Chun et al. (U.S. Patent No. 5,625,732). Applicants respectfully traverse this rejection.

Claim 1 is allowable over the cited references in that claim 1 recites a combination of elements including, for example, "the semiconductor array being comprised of semiconductor elements having first electrical contacts on the top portion and second electrical contacts on the bottom portion, said semiconductor array being attached to said submount such that said second electrical contacts of the semiconductor elements are electrically connected to said conductive vias..." None of the cited references, singly or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicants respectfully submit that claim 1, and claims 2-12 which depend therefrom, are allowable over the cited references.

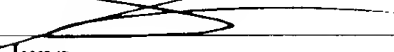
Claim 13 is allowable over the cited references in that claim 12 recites a combination of elements including, for example, "the semiconductor array being comprised of a plurality of semiconductor elements having first electrical contacts on the top portion and second electrical contacts on the bottom portion, said semiconductor array being attached to said mounting surface such that said second electrical contacts of the plurality of the semiconductor elements are electrically connected to the conductive trace on the lower portion..." None of the cited references, singly or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicants respectfully submits that claim 13, and claims 13-20 which depend therefrom, are allowable over the cited references.

If the Examiner deems that a telephone conference would further the prosecution of this application, the Examiner is invited to call the undersigned attorney at the telephone number (202) 496 -- 7500. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 01-1125. Please credit any overpayment to deposit Account No. 01-1125.

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Respectfully submitted,

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